



PTO/SB/17 (10-04)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2005 <small>Effective 10/01/2004. Patent fees are subject to annual revision.</small>		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/825,603
TOTAL AMOUNT OF PAYMENT (\$)		Filing Date	April 16, 2004
805.00		First Named Inventor	James D. THACKER et al.
		Examiner Name	To Be Assigned
		Art Unit	1653
		Attorney Docket No.	54442-20005.00

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	3. ADDITIONAL FEES	
<input type="checkbox"/> Money Order	<input type="checkbox"/> Other		
<input checked="" type="checkbox"/> None			
<input checked="" type="checkbox"/> Deposit Account:			
Deposit Account Number: 03-1952			
Deposit Account Name: Morrison & Foerster LLP			
The Director is authorized to: (check all that apply)			
<input checked="" type="checkbox"/> Charge fee(s) indicated below			
<input checked="" type="checkbox"/> Credit any overpayments			
<input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)			
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.			

FEE CALCULATION					
1. BASIC FILING FEE					
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	790	2001	395	Utility filing fee	395.00
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					395.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE					
Total Claims		30	- 20 =	10	x 9.00 = 90.00
Independent Claims		3	- 3 =	0	x 44.00 =
Multiple Dependent					
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	150	Multiple dependent claim, if not paid	
1204	88	2204	44	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					90.00

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	James Remenick	Registration No. (Attorney/Agent)	36,902
Signature		Telephone	(703) 760-7700
		Date	October 28, 2004

FEE CALCULATION (continued)	
Large Entity	Small Entity
Fee Code	Fee (\$)
2051	65
2052	25
1053	130
1812	2,520
1804	920*
1805	1,840*
1251	110
1252	430
1253	980
1254	1,530
1255	2,080
1401	340
1402	340
1403	300
1451	1,510
1452	110
1453	1,330
1501	1,370
1502	490
1503	660
1460	130
1807	50
1806	180
8021	40
1809	790
1810	790
1801	790
1802	900

Fee Description	
Surcharge - late filing fee or oath	65.00
Surcharge - late provisional filing fee or cover sheet.	
Non-English specification	
For filing a request for ex parte reexamination	
Requesting publication of SIR prior to Examiner action	
Requesting publication of SIR after Examiner action	
Extension for reply within first month	
Extension for reply within second month	215.00
Extension for reply within third month	
Extension for reply within fourth month	
Extension for reply within fifth month	
Notice of Appeal	
Filing a brief in support of an appeal	
Request for oral hearing	
Petition to institute a public use proceeding	
Petition to revive - unavoidable	
Petition to revive - unintentional	
Utility issue fee (or reissue)	
Design issue fee	
Plant issue fee	
Petitions to the Commissioner	
Processing fee under 37 CFR 1.17(q)	
Submission of Information Disclosure Stmt	
Recording each patent assignment per property (times number of properties)	40.00
Filing a submission after final rejection (37 CFR 1.129(a))	
For each additional invention to be examined (37 CFR 1.129(b))	
Request for Continued Examination (RCE)	
Request for expedited examination of a design application	

SUBTOTAL (3)	
Other fee (specify)	
*Reduced by Basic Filing Fee Paid	320.00

IPR
\$



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/825,603	04/16/2004	James D. Thacker	544422000500

25227
MORRISON & FOERSTER LLP
1650 TYSONS BOULEVARD
SUITE 300
MCLEAN, VA 22102



CONFIRMATION NO. 8050
FORMALITIES LETTER



OC000000013090640

Date Mailed: 06/28/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

10/29/2004 LWONDIM1 00000038 031952 10825603

01 FC:2001 395.00 DA
02 FC:2051 65.00 DA
03 FC:2202 90.00 DA

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 385 to complete the basic filing fee for a small entity.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - Numbers, letters, and reference characters on the drawings must measure at least 0.32 cm (1/8 inch) in height. See Figure(s) 9,10,11,12,.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer

readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- **For Rules Interpretation, call (703) 308-4216**
- **To Purchase PatentIn Software, call (703) 306-2600**
- **For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov**

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$90** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

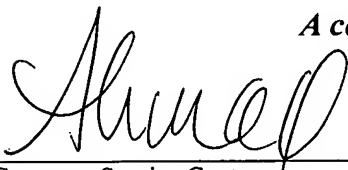
SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$540** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$90**
 - **\$90** for **10** total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE